

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031819\
 Data File : VU030163.D
 Acq On : 18 Mar 2019 10:59
 Operator : JC/SP
 Sample : K1936-01 100X
 Misc : 5.39g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0T8

Manual Integrations
 APPROVED

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 3/19/2019 9:06:46 AM

Quant Time: Mar 19 02:14:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 12:44:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	510234	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	509447	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	240165	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134100	39.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.46%
7) Chloroethane-d5	1.68	69	119152	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.48%
11) 1,1-Dichloroethene-d2	2.27	63	191585	31.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.90%
21) 2-Butanone-d5	4.17	46	270703	107.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.06%
24) Chloroform-d	4.64	84	276685	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.31	65	169523	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
32) Benzene-d6	5.34	84	580981	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.33	67	187881	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.62%
41) Toluene-d8	7.56	98	509987	41.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.06%
43) trans-1,3-Dichloropropene-	7.85	79	85547	44.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.00%
47) 2-Hexanone-d5	8.31	63	216007	96.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294829	47.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	216033	46.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.86%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	10609m	2.676	ug/L
34) Trichloroethene	6.19	95	4081	1.068	ug/L
46) Tetrachloroethene	8.22	164	248913	74.444	ug/L

(#) = qualifier out of range (m) = manual integration (+) = signals summed

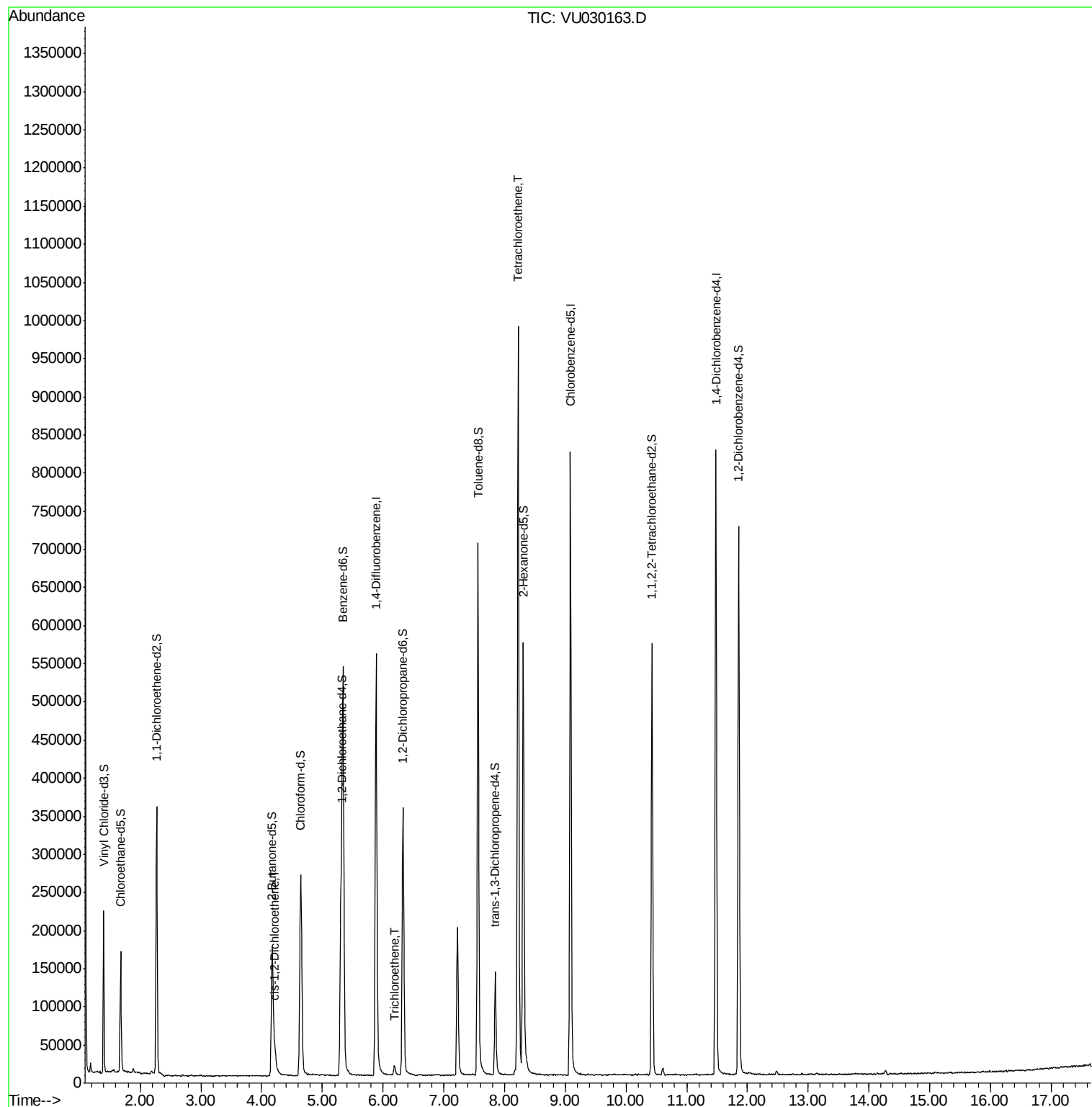
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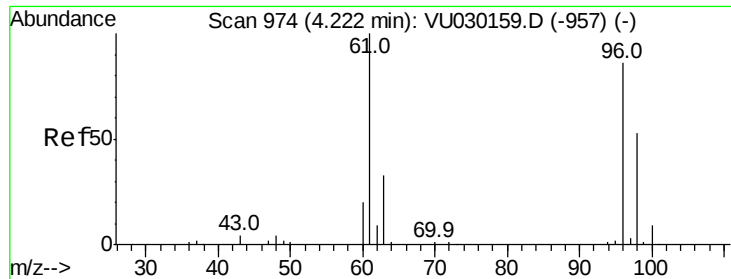
Instrument :
MSVOA_U
ClientSampleId :
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Response via : Initial Calibration





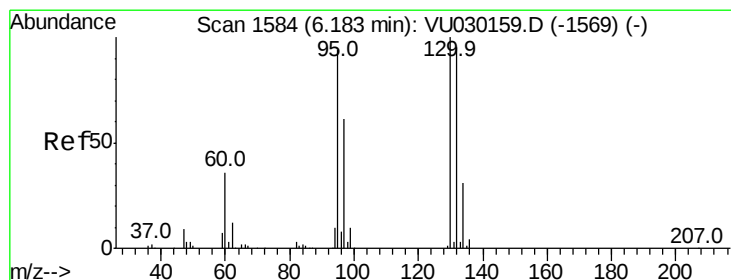
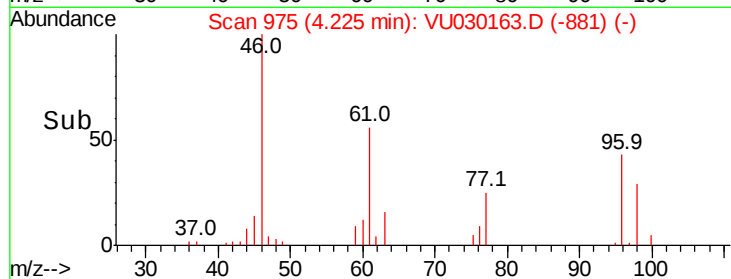
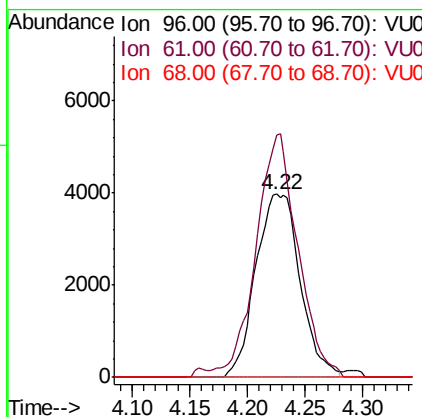
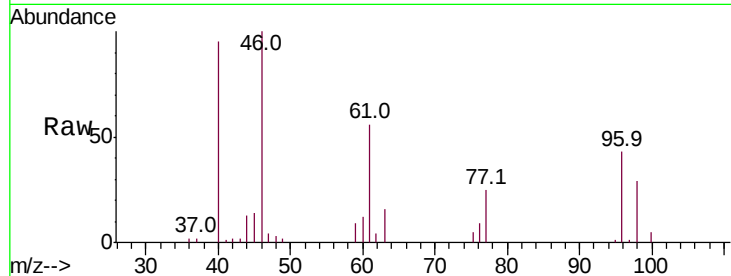
#20
 cis-1,2-Dichloroethene
 Concen: 2.676 ug/L m
 RT: 4.22 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VU030163.D
 Acq: 18 Mar 2019 10:59

Instrument :
 MSVOA_U
 ClientSampled :
 BF0T8

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.2	80.8	150.2
68	0.0	0.0	0.0

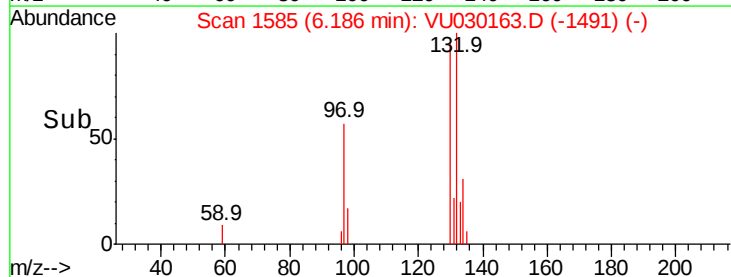
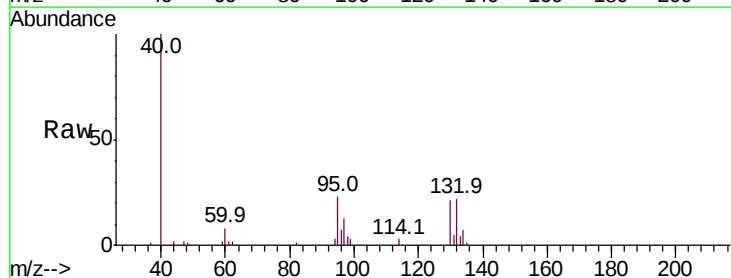
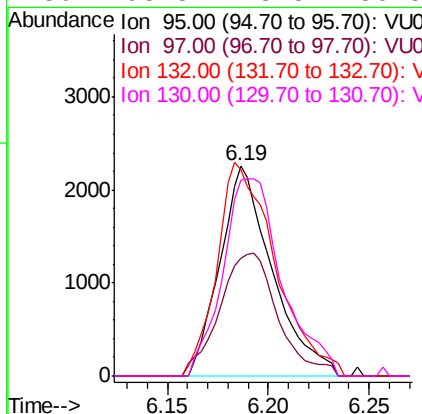
Manual Integrations
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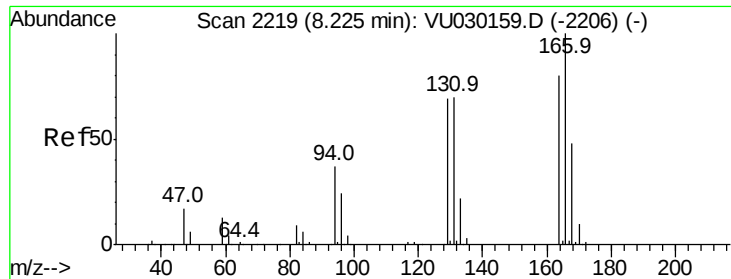
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#34
 Trichloroethene
 Concen: 1.068 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VU030163.D
 Acq: 18 Mar 2019 10:59

Tgt Ion	Ratio	Lower	Upper
95	100		
97	56.2	45.5	84.5
132	98.0	71.5	132.7
130	93.3	73.5	136.5





#46
Tetrachloroethene
Concen: 74.444 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030163.D
Acq: 18 Mar 2019 10:59

Instrument :
MSVOA_U
ClientSampleId :
BF0T8

Tot Ion	Ratio	Resp Lower	Resp Upper
164	100		
129	89.6	63.3	117.7
131	88.2	62.0	115.2
166	124.7	90.5	168.1

Manual Integrations
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